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Paper No.: _____

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Inventor(s): TROCZYNSKI, Tomasz; HAKIMI, Dorna; HYUN, Buhsung; YANG, Quanzu; KESHMIRI, Mehrdad; LIEN, Mao-Jung Maurice; RAJTAZ, Arc; SMITH, Douglas; TSUI, Pui Hung Manus

Title: **CALCIUM PHOSPHATE COATED IMPLANTABLE MEDICAL DEVICES AND PROCESSES FOR MAKING SAME**

Serial No.: 10/527406

Filed: 12 September 2003

Examiner: (Unassigned) Art Unit: (Unassigned)

Date: 6 October 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

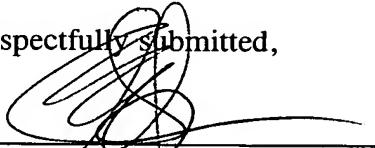
TRANSMITTAL LETTER

Transmitted herewith is a Disclosure Statement Pursuant to 37 C.F.R. §1.56, together with Form PTO/SB/08 and copies of references listed thereon, pertaining to the above-identified case.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication to Deposit Account No. 02-1037.

Respectfully submitted,

By:


Gerald O.S. Goyen
Registration No. 27,280
tel: 604.669.3432 ext. 8935
fax: 604.681.4081
e-mail: goyen@patentable.com

Vancouver, B.C.
CANADA



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Dear Sir:

Disclosure Statement Pursuant to 37 C.F.R. §1.56

Transmitted herewith is an Information Disclosure Statement disclosing information which has come to the attention of applicant(s) and/or their agents and is being submitted in compliance with the duty of disclosure set forth in 37 C.F.R. §1.56.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present the relevant facts and law regarding the appropriate status of such documents.

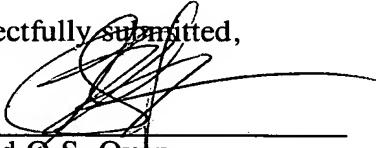
Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In accordance with 37 C.F.R. §1.98, transmitted herewith are:

1. A completed copy of Form PTO/SB/08 "Information Disclosure Statement by Applicant" listing the patents, publications and other information being submitted for consideration; and
2. A legible copy of each patent, publication and other item of information in written form listed on the enclosed Form PTO/SB/08, except for copies of U.S. patents and published U.S. patent applications which are not required for applications filed after 30 June 2003.

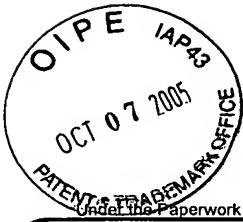
As this application was filed after 30 June 2003, copies of the U.S. patents and published U.S. patent applications listed on the enclosed Form PTO/SB/08 are not required and, therefore, not included herewith.

Respectfully submitted,

By: 

Gerald O.S. Oyen
Registration No. 27,280
tel: 604.669.3432 ext. 8935
fax: 604.681.4081
e-mail: goyen@patentable.com

Vancouver, B.C.
CANADA



PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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of 2

Complete if Known

Application Number	10/527,406
Filing Date	12 September 2003
First Named Inventor	Tomasz Troczynski
Art Unit	
Examiner Name	
Attorney Docket Number	U008 0632

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of 2

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

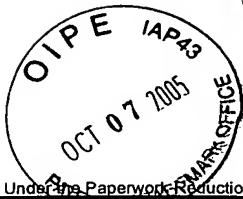
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
	BA	EP 950 386 A2	10-20-1999	Cordis Corp.		
	BB	WO 98/43558	10-08-1998	Cap Biotech.		
	BC	WO 98/16209	04-23-1998	Etex Corp.		

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/527,406
		Filing Date	12 September 2003
		First Named Inventor	Tomasz Troczynski
		Art Unit	
		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	U008 0632

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	M. ITOKAZU, et al., Synthesis of antibiotic-loaded interporous hydroxyapatite blocks by vacuum method and in vitro drug release testing, Biomaterials 19 (1998) 817-819.	
	CB	F. MINGUEZ, et al., Post-Antibiotic Effect of Isepamicin Compared to that of Other Aminoglycosides, Drugs Exptl. Clin. Res. XVI(5) 231-235 (1990).	
	CC	W. PAUL & C.P. SHARMA, Development of porous spherical hydroxyapatite granules: application towards protein delivery, J. Mater. Sci.: Mater. Med. 10 (1999) 383-388.	
	CD	H.B. WEN, et al., Preparation of calcium phosphate coatings on titanium implant materials by simple chemistry, Biomed. Mater. Res. 41, 227-236, 1998.	
	CE	D.M. LIU, et al., Plasma-sprayed hydroxyapatite coating: effect of different calcium phosphate ceramics, J. Mater. Sci.: Mater. Med. 5, 147-153, 1994.	
	CF	K. de GROOT, et al., Plasma sprayed coatings of hydroxylapatite, J. Biomed. Mater. Res., Vol. 21, 1375-1381 (1987).	
	CG	K. YAMAMURA, et al., Synthesis of antibiotic-loaded hydroxyapatite beads and in vitro drug release testing, J. Biomed. Mater. Res., Vol. 26, 1053-1064 (1992).	
	CH	J.M. ROGERS-FOY, et al., Hydroxyapatite Composites Designed for Antibiotic Drug Delivery and Bone Reconstruction: A Caprine Model, J. Investigative Surgery, 12:263-275, 1999.	
	CI	S.A. BENDER, et al., Effect of protein on the dissolution of HA coatings, Biomaterials 21 (2000) 299-305.	
	CJ	Standard Test Method for Adhesion of Cohesive Strength of Flame-Sprayed Coatings.	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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